

Position Description (PD) for Yucca Mountain Lead Lab Activities

Position Description Number	YM016	
Creation Date of PD	7/6/06	
Job Title	TCO Data Collection Specialist	
SNL Dept Name	Test Coordination Office	
SNL Org Number (or TBD)	TBD	
Number of Openings	1	
Description of Position	<p>The Test Coordination Office's mission is to provide a comprehensive resource for the planning and implementation of underground and surface geologic, hydrologic, geochemical, and geotechnical tests, including laboratory testing of waste package and waste form materials, in support of the Lead Laboratory for the Yucca Mountain Project.</p> <p>The TCO seeks to hire an individual to serve as a member of the TCO Field Test Data Collection department to provide test instrumentation installation and control expertise, specifically assisting TCO management in the execution of TCO data collection, processing, distribution, and archival tasks. The duties include the installation, testing, and maintenance of test sensors and diagnostic hardware, fiber optic cabling, multiplex equipment, and circuit termination equipment at regeneration, junction, and terminal sites to ensure effective operation of the TCO data collection systems for a variety of field and lab tests. The position must work with internal and external customers to determine instrumentation installation needs and verify data recovery needs. Provide status of work in progress and provide corrective actions for instrumentation failures. The work location is based in Las Vegas, but involves frequent day trips to Area 25 of the NTS. The daily integration and implementation of the work activities occur both on the surface and underground within the ESF, working closely with site operations, engineering, and scientific personnel from a variety of institutions.</p>	
Required Skills & Experience	Five (5) years of experience in surface and subsurface data collection techniques and control systems. Experience in work planning/implementation as well as the ability to work to procedures, regulations, and directives. Demonstrated ability to deliver quality products in a timely manner within budget. Demonstrated communication skills. Ability to work in an underground environment and have experience in a working underground facility or surface construction sites.	
Desired Skills & Experience (if applicable)	Exposure and working knowledge of federal and state regulatory programs and rigorous quality assurance and Integrated Safety Management programs.	
Required Education (Degrees & Levels)	Technical degree (Associates or higher) in Earth Sciences or Engineering with five (5) years related experience or ten (10) years equivalent combination training and technical experience.	
Desired Education (Degrees & Levels - if applicable)		
Full Time Position? (Y/N)	Y	
Job Requires lifting 35+ Pounds (Y/N)	Y	
Desired Start Date	10/1/06	
Can this position accommodate...		
Part Time Employees? (Y/N)	Telecommuting? (Y/N)	Foreign Nationals? (Y/N)

Please Select All Related WBS Elements for this PD
(required for distributing PDs to contract providers for sourcing)

WBS Elements of 1.5.03		X
1.5.03.11	Postclosure Safety Test Coordination-ESF Ops	X

Sand #: 2006-4508W